

INDUSTRIAL FIBERGLASS IMPELLERS

PRODUCT DATA SHEET

Typical Applications: Agriculture, Livestock Cooling & Ventilating Systems, Small/Packaged Cooling Towers, General Purpose Industrial HVAC

IMPELLER SERIES	SW		SE	
AVAILABLE AIRFOILS	P1, P2		E1, E2	
BLADE PITCH ANGLE	Fixed		Fixed	
STANDARD IMPELLER DIAMETER	English	Metric	English	Metric
	20"	508 mm	20"	508 mm
	24"	609 mm	24"	609 mm
	30"	762 mm	30"	762 mm
	36"	914 mm	36"	914 mm
	42"	1066 mm	42"	1066 mm
	48"	1219 mm	48"	1219 mm
	54"	1371 mm	54"	1371 mm
	60"	1524 mm	60"	1524 mm
NO. OF BLADES	Minimum	Maximum	Minimum	Maximum
	2	5	6	9
MATERIAL OF CONSTRUCTION	BLADE: Solid Core Glass Fiber Reinforcement CAST BODY OF HUB: Aluminum BS1940 Grade LM-6 CAST IRON CENTER SPOOL INSERT OF HUB: Standard IS210-1993 Grade FG200 HARDWARE: Standard IS1367 Grade 8.8 Steel			
RECOMMENDED STANDARD BUSHING TYPE	H		P1	
STANDARD BUSHING BORE RANGE	English	Metric	English	Metric
	0.375" - 1.5"	9.525 mm to 38.1 mm	0.5" - 1.75"	12.7 mm to 44.45 mm
BLADE COATING	Gel Coat Layered With Red Automotive UV & Weather Resistant Polyurethane Paint			
OPERATING TEMPERATURE	Maximum Continuous		Intermittent	
	165° F (93° C)		165+° F to 200° F (74+° C to 93° C)	
BALANCING STANDARD	ISO 1940 G 6.3			
MAX. RECOMMENDED TIP SPEED	12000 Feet Per Minute (3658 Meters Per Minute)			